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CENTRAL INTELLIGENCE AGENCY

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## HUNGARIAN WEATHER REPORT FOR JUNE 1950

Map showing distribution of rainfall is appended.

The unusually dry and hot weather in June was another example of the extremes in weather experienced this year. Record high temperatures were recorded which were not reached since 1871.

The first day of the month was cloudy and cool because of the cool air mass which had entered the country from the northeast. At the same time, a maritime tropical air mass from the Atlantic Ocean began coming into the country from the southwest. On 1 June, the temperature in the western regions was 14-15 degrees (all degrees centigrade), 16 degrees in Budapest, and 18-22 in the east. The temperature began to rise on the 2d, reaching a peak on the 7th and 9th, with 32 degrees at Budapest, and 33 degrees at Pecs and Debrecen. The temperature at Budapest rose 16 degrees in one week. All Europe had dry, calm, hot weather during these days, and for a while, Hungary had the highest temperatures in Europe.

June is usually the time when the rainy season starts in Hungary, but the weather was unusually dry. On the 9th, an Arctic air mass descended from the north, causing cumulus cloud formations, thundershowers and a short, heavy hailstorm in the Matra region. There were extensive showers at Szentgotthard, Mohacs, and Szentes. The temperature during the night dropped to 2 degrees at Debrecen and Nyiregyhaza. The cool air became static and began to warm up.

The cool weather had disappeared within 48 hours, and the dry, hot spells began again. The temperature rose to 30 degrees all over the country during the hot spell. Dry air, descending from high altitudes and then becoming static, together with 13-15 hours of sunshine per day contributed to the very hot weather.

There were scattered showers in the middle of the month, especially in the northern countries, caused by occasional cold waves breaking in from the north. The 18th and 22d again brought cold waves, but there was little precipitation. The first was the coldest, and the last, the hottest days of the month. On 30 June, a temperature of 36 degrees was recorded at Budapest.

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Usually, June is the month with the most precipitation of the year. In most of the country, however, precipitation was between one-fourth and one-half the average. In some places in the west and on the plains, there was less than one-fourth of the average rainfall; as for example, the area enclosed by Szolnok, Puspokladany, Szeghalom, Bekescsaba, and Szarvas in the trans-Tisza region, the vicinity of Lake Balaton, Lenti, Nagykonyi, and Lengyel in the trans-Danube region, and near the cities of Nagykoros in the Danube-Tisza region. In Turkeve, Veszprem and Izsak, there were only 9 millimeters of rcin during the month, contrasted with an average of 65-70 millimeters. There were 100 millimeters precipitation in the Matra region, but even this was the result of a few, heavy storms. There was no rain at all on the 8th, 11th, 12th, 19th, 20th, 25th, 29th, and 30th.

The mean temperature for the month at Budapest was 21.9 degrees, which was a 2.2-degree deviation from the average. There were higher an ages than this in the south (Szeged, 22.6 degrees). The total precipitation for the month in Budapest was 19 millimeters.

Appended map follows.

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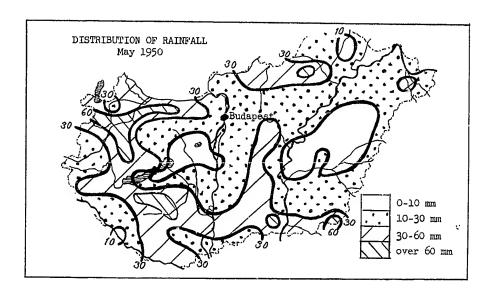
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